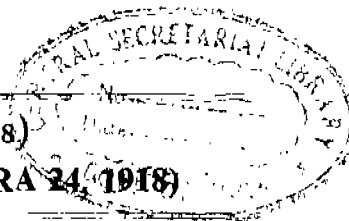




भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY



सं० 15]

नई दिल्ली, शनिवार, अप्रैल 13, 1996 (चैत्र 24, 1918)

No. 15]

NEW DELHI, SATURDAY, APRIL 13, 1996 (CHAITRA 24, 1918)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 13th April 1996

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1—17 GI/96

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Calcutta-700020.

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Telegraphic address "PATENTS"

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 13 अप्रैल 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिसके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं।

पेटेंट कार्यालय शाखा, टोडरी इस्टेट
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश, राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा दीव एवं दादरा और नगर हवेली।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, कराल बाग,
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चण्डीगढ़ तथा दिल्ली।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, बालासाह रोड,
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप, मिनिकाय तथा एम्निनिदिवि द्वीप।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता-“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे।

शुल्क —शुल्कों की अदायगी या तो नकद की जायगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुमचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है।

CORRIGENDUM

The Gazette of India Part III, Section II No. 5/96 dated 3rd February, 1996 (PAUSA 14, 1917) shall be deemed to have been published on 5th February, 1996 (PAUSA 16, 1917).

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crecent bracket are the dates claimed under section 135, of the Patent Act, 1970.

1-12-1995

1557/Cal/95. Cocensys Inc. Compositions, and compounds for allosteric Modulation of the Gaba receptor by members of the androstane and pregnone series and method for production thereof.

1558/Cal/95. Brooke Bond Lipton India Limited. Preparation of Confections.

4-12-1995

1559/Cal/95. Daewoo Electronics Co., Ltd. Brushless head drum assembly. (Convention No. 95-2357; on 15-2-1995; in Republic of Korea).

1560/Cal/95. Daewoo Electronics Co., Ltd. Trav feeding apparatus of an optical disc player. (Convention No. 95-32757; on 5-12-1994; in Korea).

1561/Cal/95. Comsat Corporation. Methods for performing 2-Dimensional maximum differences coding and decoding during real-time facsimile image compression and apparatus therefor. (Convention No. 08/352,836; on 2-12-1994; in U.S.A.).

1562/Cal/95. Software Control systems Inc. Jukebox Entertainment system including removable hard drives.

1563/Cal/95. LG Electronics Inc. Washing machine equipped with pulsator to prevent entanglement of laundry. (Convention Nos. 5955/1955; 6114/1995; on 21-3-1995; 22-3-1995; in Korea).

4-12-1995

1564/Cal/95. LG Electronics Inc. Optical pick-up apparatus capable of reading data irrespective of disc type. (Convention Nos. 4410/1995; 4525/1995 & 6238/1995; 39516/1995; on 4-3-1995; 6-3-1995; 26-3-1995; 31-10-1995; in Korea).

1565/Cal/95. Molex Incorporated. Printed circuit board mounted electrical connector. Convention No. 8/381,614; on 30-1-1995; in U.S.A.).

1566/Cal/95. Molex Incorporated. Edge Card Connector with alignment means. Convention No. 08/373,816; filed on 17-1-95; in U.S.A.).

1567/Cal/95. Siemens Telecomunicazioni S.P.A. Process for automatic event report realignment in a management system and related system. (Convention No. MI94A 002634 on 23-12-94; in Italy).

1568/Cal/95. Hoechst Aktiengesellschaft. Process for preparing aldehydes. (Convention No. P444706.5; on 29-12-94; in Germany).

1569/Cal/95. Hoechst Aktiengesellschaft. Metal complexes with heterocyclic carbenes. (Convention No. P4447066.5; on 29-12-94; in Germany).

1570/Cal/95. Hoechst Aktiengesellschaft. Process for preparing aromatic olefins. (Convention No. P4447068.1; on 29-12-94; in Germany).

1571/Cal/95. Hoechst Aktiengesellschaft. Complexes of the Lanthanides with heterocyclic carbenes. (Convention No. P4447070.3; on 29-12-94; in Germany).

1572/Cal/95. Justin Lloyd Dean. End cap and packaging method for rolls of material. (Convention No. PM9881; on 6-12-1994; in Australia).

1573/Cal/95. W. Schlafhorst Ag & Co. Textile machines with a central controlling equipment and decentral controlling equipment at the working station. (Convention No. P 19505023.1; on 15-2-95; in Germany).

5-12-1995

1574/Cal/95. Daewoo Electronics Co. Ltd. An apparatus for automatically switching audio/video input signals in an audio/video recording/reproducing system. (Convention No. 94-32761; on 5-12-94; in Korea).

1575/Cal/95. Gabriel Simon & Cheng Hao Huang. Laser Beam ophthalmological surgery method and apparatus.

1576/Cal/95. Controlled Environmental Systems Corporation. Municipal solid waste processing facility and commercial lactic acid production process. (Convention No. 08/351,018; on 7-12-94 & 08/422,529; on 14-4-95; in U.S.A.).

1577/Cal/95. Pepsico Inc. Blow molded plastic container.

1578/Cal/95. Optatech Corporation. Liquid crystalline copoly (ester-imides) and a process for the preparation thereof.

1579/Cal/95. McNeil-ppc, Inc. Soft gelatin pharmaceutical dosage form. (Convention No. 08/366 945; on 29-12-94; in U.S.A.).

1580/Cal/95. Beltron International NV. Releasing of bonded screens. (Convention No. 9424059.2; on 7-12-94; in U. K.).

1581/Cal/95. McNeil-ppc, Inc. Optional inserter for digital tampons. (Convention No. 08/365 657; on 29-12-94; in U.S.A.).

1582/Cal/95. Keiper Recaro GmbH & Co. Hinge mounting for seats in vehicles. (Convention No. P-4444407.9; on 14-12-94 & 19518019.4; on 17-5-95; in Germany).

6-12-1995

1583/Cal/95. Brian Patrick Johnson. Improvements in and relating to packaging. (Convention No. GB 9424634.5; on 6-12-94; GB 9506673.4; on 31-3-95 & GB 9518854.6; on 14-9-95; in U.K.).

1584/Cal/95. Hydro-Quebec. Method and apparatus for quantitatively evaluating the stator wedge tightness of an electric alternator.

1585/Cal/95. LG Electronics Inc. Washing pulsator of washing machine equipped with rotation current washing wings. (Convention No. 10344/1995; on 16-5-95; in Korea).

1586/Cal/95. Cincinnati Milacron Inc. Open frame injection molding machine. (Convention No. 08/354,175; on 12-12-94; in U.S.A.).

1587/Cal/95. Ringspann GmbH. Freewheel-retainer ring with centrifugal force takeoff. (Convention No. P4443723.4; on 9-12-94; in Germany).

1588/Cal/95. Altra. Computer display cursor controller. (Convention No. 08/505,916; on 24-7-95; in U.S.A.).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month, applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अगुम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एक्स्व के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी मवायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 40 B.

176301

Int. Cl.⁴ : B 01 J 23/50.

"METHOD FOR THE PRODUCTION OF A SILVER CATALYST FOR THE PRODUCTION OF ETHYLENE OXIDE".

Applicant : NIPPON SHOKUBAI KAGAKU KOGYO CO. LTD. OF 1-1, KORAIBASHI 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA-FU, JAPAN.

Inventors : (1) TAKESHI YAMAMOTO
(2) SHINICHI NAGASE
(3) HIROHIKO TANABE.

Application No. 603/Cal/1990; filed on 18th July, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

8 Claims

A method for the production of a silver catalyst for the production of ethylene oxide, characterized by the steps of impregnating and α -alumina carrier with a 1-50% (w/w) solution of colloidal silica in water; drying the impregnated α -alumina carrier, so obtained, by heating; further calcining the dried α -alumina carrier, thereby preparing an α -alumina carrier having the outer surface thereof and the surface of pores in said carrier coated with amorphous silica; causing in the manner, such as herein described, 5 to 25% by weight, based on the amount of the finished silver catalyst, of finely divided metallic silver, and 0.001 to 0.05 gram equivalent weight of cesium per kg of the finished silver catalyst, to be carried on said α -alumina carrier; activating in the manner, such as herein described, the resultant composite, thereby effecting deposition of said silver and said cesium on the resultant porous inorganic refractory carrier; and subsequently subjecting the composite to a high temperature heat treatment in an inert gas containing oxygen in a concentration of not more than 3% by volume at an elevated temperature in the range of 400°C to 950°C.

(Compl. Specn. 23 pages;

Drg. Nil.)

Cl. : 102 B D, 101 F

176302

Int. Cl. : F 04 B 49/00, 35/00

HYDRAULIC DRIVE SYSTEM FOR CIVIL ENGINEERING AND CONSTRUCTION MACHINE.

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD. OF 6-2, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : KAZUNORI NAKAMURA.

Application No. : 976/Cal/1990 filed on 19th November, 1990.

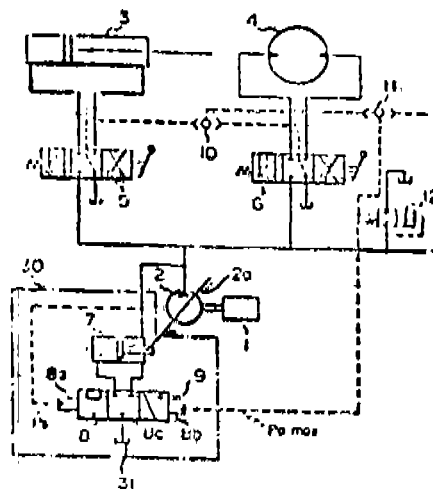
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

5 Claims

A hydraulic drive system for a civil engineering and construction machine comprising a main hydraulic pump (2) of variable displacement type, a plurality of actuators (3, 4) driven by a hydraulic fluid delivered from said main hydraulic pump, a plurality of flow control valves (5, 6) for controlling flows of the hydraulic fluid supplied to said actuators, and pump control means (30; 30A; 30B) for receiving a differential pressure between a delivery pressure of said main hydraulic pump and a maximum load pressure among said plurality of actuators, as a load sensing differential pressure, and controlling a delivery rate of said main hydraulic pump so that said load sensing differential pressure is held at a preset target differential pressure, said hydraulic drive system further comprising :

flow rate holding means (8c; 18) having a dead zone (8c; 19) for a deviation between said load sensing differential pressure and said target differential pressure for

reserving a control to be effected by said pump control means (30; 30A; 30B) when said deviation is within said dead zone, thereby to hold the delivery rate of said main hydraulic pump (2) substantially constant.



(Compl. Specn. 38 pages,

Drgns. 7 sheets.)

Cl. : 32 E

176303

Int. Cl. : C 08 G 63/08, C 08 L 35/02

A PROCESS FOR THE PREPARATION OF CRYSTALLINE COPOLYMERS OF ϵ -CAPROLACTONE AND GLYCOLIDE.

Applicant : ETHICON, INC., OF U.S. ROUTE NO. 22, SOMERVILLE, NJ 08876 UNITED STATES OF AMERICA.

Inventors : (1) RAO S. BEZWADA; (2) DENNIS D. JAMOLKOWSKI; (3) SHALABY W. SHALABY.

Application No. : 98/Cal/91 filed on 31st January, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

6 Claims

A process for the preparing of a crystalline copolymer of ϵ -Caprolactone and glycolide for the production of surgical filament comprising first the step of preparing prepolymer of ϵ -Caprolactone and glycolide, polymerizing ϵ -Caprolactone and glycolide in the desired mole ratio such as herein described in the presence of an organometallic catalyst such as herein described and an initiator such as herein described at a temperature range from 120 to 200°C when the prepolymer of ϵ -Caprolactone and glycolide with desired molecular weight and viscosity is achieved increasing the temperature of the reaction mixture to about 230°C then adding molten glycolide to it with vigorous stirring to form a homogeneous solution of the glycolide in the prepolymer so prepared, allowing the polymerization reaction to proceed for about 15 to 30 minutes at an elevated temperature and then lowering the temperature to about 200°C allowing to continue polymerization at this temperature until the desired copolymer with the desired molecular weight and mole percent conversion is achieved.

(Compl. Specn. 22 pages,

Drgns. Nil.)

Cl : 157 A₁ & A₂

176304

Int. Cl. : E 02 B 26/00

TRACK TAMPING MACHINE HAVING TAMPING UNITS DISPLACEABLE IN A DIRECTION TRANSVERSELY OF THE TRACK.

Applicant : FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT m.b.H., OF A-1010 VIENNA, JOHANNESGASSE 3 AUSTRIA.

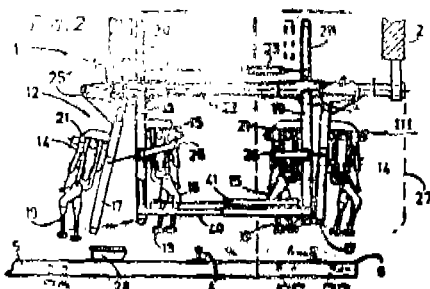
Inventor : ENG. JOSEF THEURER.

Application No. : 283/Cal/1991 filed on 11th April, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

7 Claims

A travelling track tamping machine having a total of four tamping units displaceable transversely of the track of which each is associated with one longitudinal side of a rail and comprising at least two tamping tools which are designed to be squeezed and vibrated by drives and are arranged on a tool carrier connected to a tool frame for vertical displacement via guides, characterized in that the tool frame (17) of each outer tamping unit (14), transversely of the track or the machine, is mounted on the tool frame (18) of the adjacent inner tamping unit (15) transversely of the machine and can be distanced therefrom transversely of the track by means of a displacement drive (26) and in that the two inner tamping units (15) are mounted for independent displacement on transverse guides (22) extending transversely of the longitudinal axis of the machine.



(Compl. Specn. 12 pages

Drgns. 1 sheet)

Cl. : 50 A

176305

Int. Cl. : A 47 J 41/02

AN IMPROVED THERMOS FLASK.

Applicant & Inventor : VIVEKANAND JHO OF VILL. & P.O. BIROUL, VIA BHAGWATTIPUR, DISTT. MADHUBANI, STATE BIHAR, INDIA.

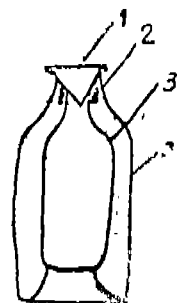
Application No. : 288/Cal/1991 filed on 15th April, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

5 Claims

An improved thermos flask comprising a vacuum refill adapted to be fitted in a protective container, plastic cap and rubber washer being provided to keep the mouth of the refill safe and in position within said protective container such that to check the flow of heat into or from the said refill, characterised in that said cap and washer being provided with a lining of non-contamination material such as herein described secured therewith to stop the contamination of the

contents in the flask by said cap and washer during the use of the flask.



(Compl. Specn. 7 pages,

Drgns. 1 sheet.)

Cl. : 156 E

176306

Int. Cl. : F 25 B 31/02.

A REFRIGERATION COMPRESSOR.

Applicant : COPELAND CORPORATION, OF CAMPBELL ROAD, SIDNEY, OHIO 45365-0669, UNITED STATES OF AMERICA.

Inventors : JAMES FRANKLIN HORN.

Application No. : 454/Cal/91 filed on 17th June, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

8 Claims

A refrigeration compressor comprising
an outer shell;

a sump disposed in the bottom of said shell containing a supply of lubricant;

a compressor within said shell;

a motor disposed within said shell for driving said compressor said motor including a stator having end turns and a rotatable rotor secured to a shaft drivingly connected to said compressor, the lower end of said rotor extending below the normal upper non-operating level of said lubricant in said sump said shaft extending downwardly from the lower end of said rotor;

said shaft including a groove formed thereon positioned below said rotor; and

shield means supported on said shaft, said shield means including

an axially elongated generally cylindrical body portion;

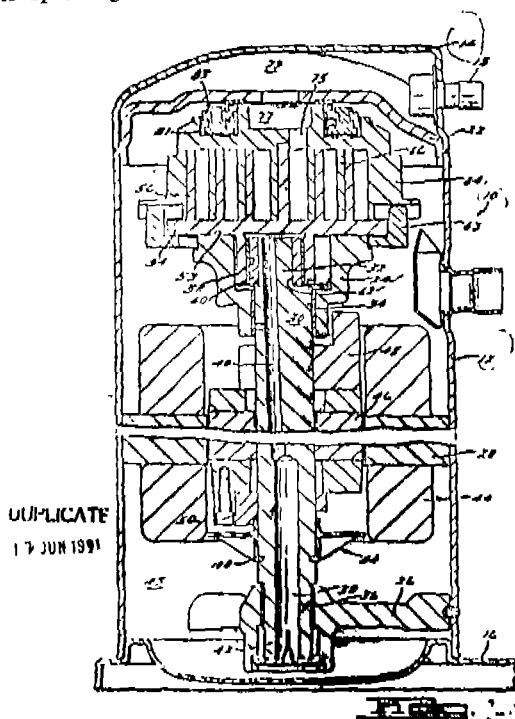
a flange portion extending generally radially outwardly from said body portion;

means defining a plurality of circumferentially spaced axially extending resilient fingers on said body portion, each of said fingers including a radially inwardly extending flange portion said radial flange portions being received within said groove on said drive shaft to thereby retain said shield means in position thereon;

said shield means being operative to restrict oil flow to the rotating lower end of said rotor and to promote circulation

of oil across said end turns for cooling same when said compressor is operating.

stationary and movable sides of each interrupter of each phase.



DUPLICATE
17 JUN 1991

(Compl. Sepcn. 11 pages,

Drgns. 2 sheets.)

Cl. : 69 A 1

176307

Int. Cl. : H 01 H 33/02.

"A THREE-PHASE COMMON TANK TYPE GAS CIRCUIT BREAKER."

Applicant : HITACHI, LTD., OF 6, KANDA SURUGADIA 4-CHOME, CHIYODAKU, TOKYO, JAPAN.

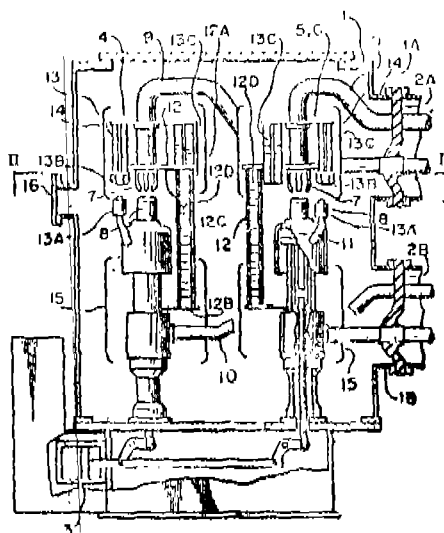
Inventors : (1) HIROHIKO YATSUZUKA; (2) TUNEO KISHI, (3) TAKASHI MINAKAWA; (4) ISAO NISHIDA.

Application No. : 841/Cal/91 filed on 27th August, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

12 Claims

A three-phase common tank type gas circuit breaker comprising a grounded tank adapted to be filled with insulating gas and interrupter assemblies corresponding to three phase of electrical power and disposed in said grounded tank, each assembly including a parallel electrical connection of an interrupter having a stationary contact and a movable contact, capacitor means and closing resistor means having resistor elements and stationary and movable resistor contactors, wherein said interrupters for the three phases are disposed at a predetermined circumferential spacing within said grounded tank such that axes of said interrupters extend substantially in parallel with an axis of said grounded tank, said closing resistor means for each phase is disposed on one side of the associated interrupter adjacent a neighbouring interrupter of a different phase, said capacitor means for each phase is disposed on one of the inner and outer sides of the associated interrupter, and shield members provided for the



Compl. spjecn. 13 pages

Drgns. 5 sheets.

Cl. : 158 A

176308

Int. Cl. : B 65 G 67/30.

"TRANSPORT WAGON FOR BULK MATERIALS."

Applicant : FRANZ PLASSER BAHNBAUMASCHINEN INDUSTRIEGESELLSCHAFT m.b.H., OF A-1010 VIENNA JOHANNESGASSE 3, AUSTRIA.

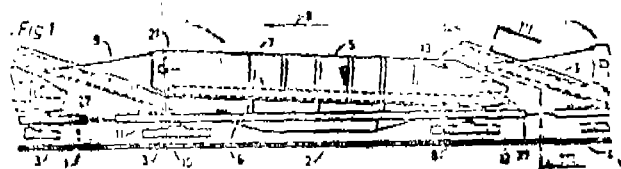
Inventors : (1) ENG. JOSEF THEURER; (2) MANFRED BRUNNINGER.

Application No. : 828/Cal/1991 filed on 1st November, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

8 Claims

A transport wagon for bulk materials with a chassis frame support on a rail vehicle running gear and a wagon body connected to this having a conveying device located on the area of the wagon bed for the transport of the bulk material in the longitudinal direction of the wagon, and with a transfer conveyor belt mounted on bearings on the chassis frame and capable of swivelling about a vertical axis, and which connects to the conveying device located at the end of the wagon opposite the transfer conveyor, having a centering device to provide a dissoluble connection between the free end and the projecting end of the transfer conveyor and the intake area of another wagon coupled to it, characterised in that the centering device is mounted in a displaceable manner transversely to the longitudinal direction of the wagon and of the transfer conveyor belt (9), and is connected to a remotely controlled transverse displacement drive unit (20).



Compl. spjecn : 12 pages

Drgn. : 1 sheet

Cl. : 36. A. 1

176309

Int. Cl. : F 04 C 19/00.

"LIQUID RING PUMPS."

Applicant : THE NASH ENGINEERING COMPANY,
OF 310 WILSON AVENUE NORWALK, CONNECTICUT
06856 UNITED STATES OF AMERICA.

Inventors : HAROLD KNUTE HAAVIK.

Application No. : 864/Cal/1991 filed on 19th November,
1991.

Appropriate office for opposition proceedings (Rule 4,
Patent rule 1972) Patent Office, Calcutta.

14 Claims

A liquid ring pump comprising :

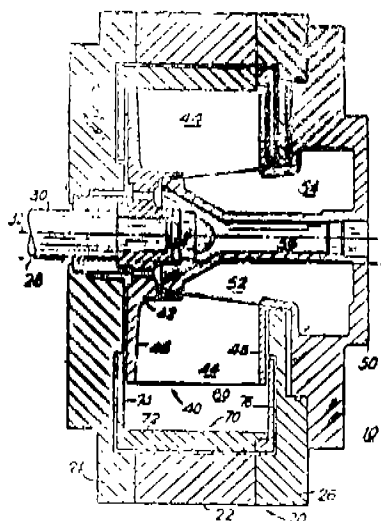
a stationary angular housing;

an annular liner rotatably mounted in said housing, said
liner being spaced from said housing by a substan-
tially annular clearance and having a hollow, sub-
stantially cylindrical body and a substantially toroidal
cover plate extending radially inward from at least
one axial end of said body to partly close said end
of said body so that said housing and said liner can
retain a quantity of pumping liquid;

means for introducing a bearing liquid into at least a
portion of said clearance to provide a liquid bearing
for said liner relative to said housing;

a rotor rotatably mounted in said liner for forming the
pumping liquid into a recirculating ring in said
liner and said housing, the flow of pumping liquid
causing said liner to rotate on said liquid bearing
relative to said housing; and

means for introducing gas to be compressed into the
portion of said pump surrounded by said ring, and
after compression of said gas by action of said ring,
conveying the compressed gas from said portion
of said pump.



Compl. specn. : 20 pages

Drgns. 9 sheets

Cl. : 50 E

176310

Int. Cl. : F 25 D 17/00.

"AN IMPROVED REFRIGERATION MACHINE."

Applicant : RABI MUKHOPADHYAY, OF FLAT B/3,
IRONSIDE CO-OPERATIVE 11/3B, OLD BALLYGUNGE
2ND LANE, CALCUTTA-700 019. WEST BENGAL, INDIA.

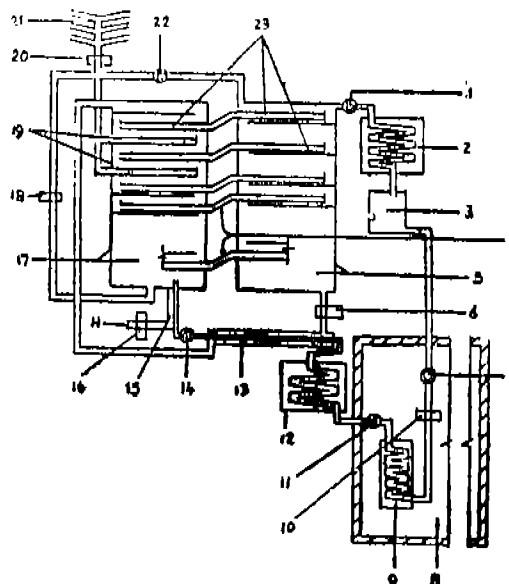
Inventor : RABI MUKHOPADHYAY.

Application No. : 93/Cal/91 filed on 30th January 1991.

Appropriate office for opposition proceedings (Rule 4,
Patent rule 1972) Patent Office, Calcutta.

13 Claims

An improved refrigeration machine essentially comprising
a generator chamber (5) and an absorber chamber (17) said
chamber being adjacently positioned so that the bottom part
or base of said absorber chamber (17) being connected to
the top of said generator (5) for the circulation of a work-
ing fluid from the absorber (17) to the generator chamber
(5); the base of said generator chamber (5) being further
connected to the top of the absorber chamber (17) through
a heat exchanger (13); both said chamber accommodate multi-
ple baffles (19, 23) composed of parallel plates, each of said
baes (19, 23) composed of parallel plates; each of said
baffles of generator chamber (5) being interconnected with
a baffle of absorber chamber (17) to form a continuous sealed
conduits or a series of primary baffles (23), said inter-
connected baffles within the generator chamber (5) being
located at a higher level than the baffles held within said
absorber chamber (17); a plurality of secondary baffles
(19) being housed within said absorber chamber located be-
tween said primary baffles (23) and connected to a radiator
(21) mounted at the top of said absorber chamber (17); the
top of said generator chamber (5) being connected to an
external storage tank (3) through a radiator (2) adapted for
holding liquid ammonia; said storage tank (3) being moun-
ted above and joined to an evaporator chamber (9) which
being connected to the intake port located at the bottom of
the absorber chamber (17) through a multiple heat exchangers
(12, 13, 15) and control valves for the regulated supply
of working liquid and heat energy flow through the refri-
geration machine.



Compl. specn. : 14 pages

Drgns. : Nil

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that HIMONT INCORPORATED (now known as MONTELL NORTH AMERICA INC.) of 2801 Centerville Road, New Castle County, Delaware, U.S.A., a Delaware Corporation, a corporation duly organised and existing under the laws of the State of Delaware, U.S.A. have made an application under Section 57 of the Patents Act, 1970 for amendment of Specification of their application for Patent No. 175985 for "Process for producing a plastic coating on the Parts of Metal tubings".

Amendments are by way of change of name from "HIMONT INCORPORATED" to "MONTELL NORTH AMERICA INC".

The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700020. If the Written Statement of opposition is not filed with the Notice of opposition it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

156301 157080 158008 158379 158414 159953 160932 161196
161197 161552 162138 162585 163309 163459 163659 163748
163760 164117 164866 164917 165057 165234 165235 165268
165269 165305 165410 165413 165668 165669 165772 165777
166016 166029 166055 166211 166261 166349 166350 166397
166497 167380 167591 167602 167657 167929 168014 168180
168426 168469 168474 168477 168805 168836 169154 169432
169872 169922 169980 170063 170098 170127 170213 170290
170791 170933 171093 171029 171179 171556 171593 171678
171717 171720 171835 171909 172221 172426 172507 172577
172825 172953 172954 172957 173157 173215 173270 173435
173542 173664 173686 174288 174336 174420 174550 174689
174713 174715 174751 174753 174755 174760 174791 174795
174797 174798 174800 174837.

CANCELLATION OF PATENT

172832 172843 172883 172891 172893 172906 172910 172914
172915 172921 172940 172947 172956 172962 172976 172984
172987 172994 173003 173007 173012 173070 173085 173415
173436 173452 173454.

PATENT SEALED ON 15-03-96

175270 175689*D 175745* 175746 175747* 175749*D
175750*D 175754 175757 175760 175779 175780 175781*
175782* 175784 175786* 175787 175789*D 175790*D
175791 175793 175794 175795 175797* 175798*D 175799*D
175800*D.

CAL--03, DEL--16, BOM--04, MAS--04

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents, F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section of 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

- Class 3. No. 168886, Angel Homeo Laboratory, a sole proprietary firm, of 235/2, B. B. Gangully St., Calcutta-12, W. Bengal, India, "DROPPER FOR THE MEDICINE BOTTLE", 22nd February 1995.
- Class 3. No. 168834, Angle Homeo Laboratory, a sole proprietary firm, of 235/2, B. B. Gangully St., Calcutta-12, W. Bengal, India "CAP", 22nd LOCK OF THE CAP", 22nd February 1995.
- Class 3. No. 168835, Angel Homeo Laboratory, a sole proprietary firm, of 235/2, B. B. Gangully St., Calcutta-12, W. Bengal, India, "CAP", 22nd February 1995.
- Class 3. No. 170012, Black & Decker Inc., a Delaware Corporation of Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, Delaware 19711, U. S. A., "FLASHLIGHT", 12th October 1995.
- Class 3. No. 170011, Black & Decker Inc., a Delaware Corporation of Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, Delaware 19711, U. S. A. "HEAD FOR A FLASHLIGHT", 12th October 1995.
- Class 1. No. 169732 & 169733, Sarital Bagla, an Indian national, 9/A, Har Dutta Roy Chamira Road, Howrah-711101, W. Bengal, India, "SOCKET", 23rd August 1995.
- Class 3. No. 168596, Canon Kabushiki Kaisha, of 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, Japan a Japanese company, "A TONER BOTTLE", 5th January 1995.
- Class 3. No. 168275, Canon Kabushiki Kaisha, of 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, Japan, a Japanese company, "TONER BOTTLE FOR COPYING MACHINE", 18th October 1994.
- Class 3. No. 168542 & 168543, Parker Pen (I. P.) Limited, a company incorporated in United Kingdom of 101 Syon Lane, Isleworth, Middlesex, TW7 5NP, U. K., "BALL POINT PEN", 4th July 1994.
- Class 4. No. 169578 & 169580, H & R Johnson (India) Limited a company incorporated under the Indian Companies Act 1956 whose address is Kakad chambers 132, Dr. Annie Besant Road, Worli, Bombay-400018, Maharashtra, India, "TILE", 1st August 1995.
- Class 3. No. 169441 & 169442, AT & T IPM Corp., a corporation incorporated in Florida, U. S. A., of 2333 Ponce de Leon Boulevard, Coral Gables, Florida 33134, U. S. A., "TELEPHONE STAND", 29th June 1995.
- Class 3. No. 169449, AT & T IPM Corp., a corporation incorporated in Florida U. S. A., of 2333 Ponce de Leon Boulevard, Coral Gables, Florida 33134, U. S. A., "PORTABLE TELEPHONE HANDSET", 29th June 1995.
- Class 3. 169450, AT & T IPM Corp., a corporation incorporated in Florida U. S. A., of 2333 Ponce de Leon Boulevard, Coral Gables, Florida 33134, U. S. A., "TELEPHONE HANSET", 29th June 1995.
- Class 1. No. 169088, Softel Machines (P) Ltd., Plot No. 69, Sector 1-A, Gandhidham-370 201, Gujarat, India, an Indian Private Limited Company of above address whose directors are 1. Anil Jain 2. Bhairavi Anil Jain, 3. Anita Jain and 4. Ashok Mohanlal Jain of above address all Indian citizen, "ICE CREAM MAKER", 28th April 1995.

Class 3. No. 169089, Softel Machines (P) Ltd., Plot No. 69, Sector 1-A, Gandhidham 370201, Gujarat, India, an Indian Private Limited Company of above address whose directors are 1. Anil Jain 2. Bhairavi Anil Jain, 3. Anita Jain and 4. Ashok Mohanlal Jain of above address all Indian citizen, "ICE CREAM MAKER", 28th April 1995.

Class 3. No. 167772, Hitesh Kumar Ghanshyambhai Patel, an Indian national trading under the name and style of Navjivan Industries, a sole proprietary concern of A 1/102, Shiv Ganga Apartment, Ramkumar Thakur Road, Dahisar East, Bombay-68, Maharashtra, India "BODY CLEANING BRUSH", 12th July 1994.

Class 3. No. 168277, Hitesh Kumar Ghanshyambhai Patel, an Indian national trading under the name and style of Navjivan Industries, a sole proprietary concern of A 1/102, Shiv Ganga Apartment, Ramkumar Thakur Road, Dahisar East, Bombay-

68, Maharashtra, India, "BODY CLEANING BRUSH", 19th October 1994.

Class 4. No. 169218, 169219 & 169220, "Ultime Cosmetics Pvt. Ltd., a company registered in India having office at 19/21, Bora Bazar Street, Fort, Bombay-400001, Maharashtra, India, "BOTTLE WITH COVER", 23rd May 1995.

Class 3. No. 169966 & 169967, PCI Parfums et Cosmetiques International, of 20, rue de la Paix, 75002 Paris, France a Limited liability company organized and existing under the law of France, "REFILLABLE PERFUME CONTAINER", 5th October 1995.

T. R. SUBRAMANIAN,
Controller General of Patent,
Design & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1996

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